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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 23rd December 1995

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कलकत्ता, दिनांक 23 दिसम्बर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, आलाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

नोट :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent bracket are the date claimed under section 135, of the Patent Act, 1970.

18-09-1995

1119/Cal/95. The wellcome foundation limited. Therapeutically active compounds. (Convention Nos. 9418852.1 & 9507788.9 & 9510757.9; on 19-9-94 & 13-4-95 & 26-5-95; in Great Britain).

1120/Cal/95. Seidl & Partner GmbH. Identification device. (Convention No. 9418708.5; on 16-9-94; in U.K.).

1121/Cal/95. Cooperative Verkoop-En Productievereniging van Aardappelmeel En Derivaten Avebe B.A. Starch Products as tabletting excipient, method for preparing same, and method for making tablets. (Convention No. 9401572; on 27-9-94; in Netherland).

1122/Cal/95. Eli Lilly and Company, Naphthyl compounds, intermediates, processes, compositions, and methods. (Convention No. 08/309, 525; on 20-9-94; in U.S.A.).

1123/Cal/95. Bosch-Siemens Hausgerate GmbH. Automatic washing machine equipped for drying. (Convention No. P4436673.6; on 13-10-94; in Germany).

1124/Cal/95. Patent-Treuhand-Gesellschaft fur elektrische Glublampen mbh. Method of operating a discharge lamp and circuit arrangement for operating a discharge lamp. (Convention No. P4437453.4; on 19-10-94; in Germany).

1125/Cal/95. Siemens Aktiengesellschaft. Read-Only-Memory cell arrangement and method for its production (Convention No. P4434725.1; on 28-9-94; in Germany).

1126/Cal/95. Siemens Aktiengesellschaft. Electromagnetic Switching device. (Convention No. P4435795.8; filed on 06-10-94; in Germany).

1127/Cal/95. Siemens Aktiengesellschaft. Method of generating electronic signatures and use of a pseudo-random generator for this purpose. (Convention Nos. P4435139.9 & P4436697.3; on 30-9-94 & 13-10-94; in Germany).

1128/Cal/95. Siemens Aktiengesellschaft Actuation Device for a Circuit Breaker. (Convention No. G 9415903.3; filed on 21-09-94; in Germany).

19-09-1995

1129/Cal/95 Degesch Gmbh. A Fumigation chamber. (Convention No. 94/7377; on 22-09-1994; in South Africa).

1130/Cal/95. SMG Suddeutsche Maschinenbau GmbH. Apparatus for deep drawing sheet metal. (Convention No. DEP44 36 273.0; filed on 11-10-94; in Germany).

20-09-1995

1131/Cal/95 Amano Corporation. Apparatus for Setting/Registering data for time recorder.

1132/Cal/95. N. V. Philips' Gloeilampenfabrieken. Digital recording and reproducing system. (Divided out of No. 205/Cal/91; dated 11-3-91).

1133/Cal/95. Clino Trini Castelli. Improved Partition wall. (Convention No. 24815/95; on 05-07-95; in Australia).

1134/Cal/95. Johnson & Johnson Medical, Inc. Transdermally Active pharmaceutical composition containing 5-Aminolaevulinic Acid. (Convention No. 08/309296; filed on 20-9-94; in USA).

1135/Cal/95. (1) K P Shukla (2) Sanjay Chandra and The Tata Iron & Steel Co. Ltd. Design of Controlled cooli Cooling process for the production of high carbon stel wire rods with enhanced properties and drawability.

1136/Cal/95. Wires & Fabriks (S.A.) Ltd. Instrument for simultaneously measure linear tension .

21-09-1995

1137/Cal/95. John Brown-Thomsen. GEL for treatment for skin diseases and for disinfection of the skin.

1138/Cal/95. Dr. MED. Wolfgang Wagner. A Method and device for diagnosis and therapy of metobolic Disturbances of a living being and a device therefor.

1139/Cal/95. Tredegar Industries Inc. Vacuum Assisted Application of thin coatings on Apertured substrates and articles produced therefrom. (Convention No. 08/311,347; on 29-9-94; in U.S.A.).

1140/Cal/95. Jason Otto Gardosi. Device for storing and manipulating contraceptive devices. (Convention No. 9419265.5; on 23-09-1994; in U.K.).

1141/Cal/95. Wolfgang Mayer. Apparatus for Finishing the surface of The edges of a Gravestone. (Convention No. P4433715.9-14; on 21-9-94; in Germany).

1142/Cal/95. Daewo Electronics Co., Ltd. Post-Processing method for use in an image signal Decoding system.

1143/Cal/95. Asahi Kasei Kogyo Kabushiki Kaisha. Rubber-Reinforced thermoplastic resin Composition containing particles of graft polymer.

22-09-1995

1144/Cal/95. PQ Australia Pty Ltd. Improvements in or relating to high sped discs Atomiser. (Convention No. PM 8357 on 23-9-94; in Australia).

1145/Cal/95. Asv Stubbe GmbH & Co. KG. Self-priming centrifugal pump. (Convention No. 94114953.6; on 22-09-94 in E P O).

1146/Cal/95. Sunkyong Industries Ltd. Process for preparing Platinum (II) Complex compound. (Divided out of No. 321/Cal/93; dated 10-06-1993).

1147/Cal/95. Avner Geller. Package having a Rectangular base and its manufacturing.

1148/Cal/95. Emitec Gesellschaft fur Emissionstechnologie mbH. Diskwise-Constructed Honeycomb Bodies, In Particular Catalyst carrier bodies. (Convention Nos. P4434363.9 & P4435913.6; on 26-9-94 & 7-10-94; in Germany).

1149/Cal/95. Emitec Gesellschaft Fur Emissionstechnologie MBH. Microstructures in Intersecting arrangement. (Convention Nos. P4434363.9 & P 4435913.6; on 26-9-94 & 7-10-94; in Germany).

ALTERATION OF DATE UNDER SECTION 16

176013 filed on 11-10-88.
(866/Del/88) Post-dated to 11-03-89.

176031 Filed on 01 DEC 1988.
(1058/DEL/88) Anter-dated to 07 OCT 1986

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व, पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl : $6B_3$ 176001

Int. Cl.4 : B02C 3/12.

APPARATUS FOR TRANSPORTING AIR.

Applicant : ASTRA-VENT AB, A SWEDISH JOINT-STOCK COMPANY, OF ARSTAANGSVAGEN 1A, S-117 43 STOCKHOLM, SWEDEN.

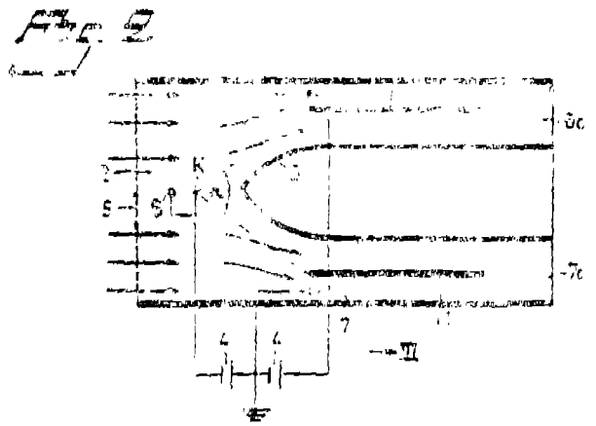
Inventor : VILMOS TOROK, & ANDRZEJ LORETH.

Application for Patent No. 575/Del/88 filed on 6 July 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims 24

An apparatus for transporting air, comprising a corona electrode (K) and at laest one target electroue (M) spaced from said corona electrode, said corona electrode and said at least one target electroue being connected to respective terminals of a d.c. voltage source (4) said source having a voltage between its said terminals causing a corona discharge at the corona electrode, a housing having housing walls (1, 5) and an inlet opening (2), in which the corona electrode (K) is substantially centrally positioned, and an air-flow path which extends from said inlet opening (2) and in which said at least one target electrode (M) is located at a distance from and symmetrically in relation to the centre line passing through the inlet opening (2), so that lines extending between the corona electrode (K) and the target electrode (M) define a substantial angle (α), characterised in that the housing (1, 5) is provided with an intermediate wall whereby the air-flow path downstream of the inlet opening (2) and the corona electrode (K) branches outwardly towards said at least one target electrode (M) to form at least one air-flow channel (6, 7) in which each channel contains the respective target electrode (M) and in which each channel is located at a distance from the centre line through the inlet opening (2), so that air entering through the inlet opening (2) is forced out towards said at least one target electrode (M) and so that at least the major part of the air is prevented by the housing wall (5) from continuing straight forward along the extension of the centre line through the inlet opening (2).



(Compl. Specn. 32 pages; Drgns 5 sheets)

Ind. Cl. : 140 A1. 176002

Int. Cl. : C 10 M 129/40.

SPIN FIBER LUBRICANT COMPOSITIONS AND A FIBROUS MATERIAL HAVING APPLIED THEREON SAID COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : RICHARD YODICE, GREGORY ALAN LENTZ.

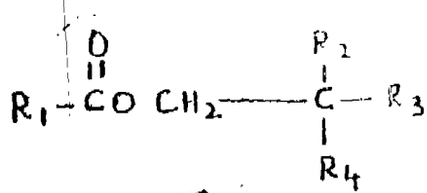
Application for Patent No. 579/DEL/1998 filed on 6 July 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims 12

A spin fiber lubricant composition comprising :

(A) from 30 to 50% by wt. of said composition, at least one ester having the general formula I.



I

wherein R_1, R_2, R_3 and R_4 are straight chain hydrocarbyl groups, branched chain hydrocarbyl groups or mixtures thereof,

(b) from 30 to 55% by wt. of a liquid carrier such as herein described, and

(c) from 15 to 25% by wt. of an emulsifying agent such as herein described.

(Compl. Specn. 22 pages; Drgns. 1 sheet)

Ind. Cl. : 68 D 176003

Int Cl.4 : H 02 H, 3/00.

A SAFETY DEVICE FOR SWITCHING APPLIANCES.

Applicant : TELEMECANIQUE, A FRENCH CORPORATION, OF 43-45, BOULEYARD FRANKLIN ROOSEVELT, 92500 RUEIL MALMAISON, FRANCE.

Inventor : PIERRE DUCHEMIN.

Application for Patent No. 935/Del/89 filed on 17 October 1989.

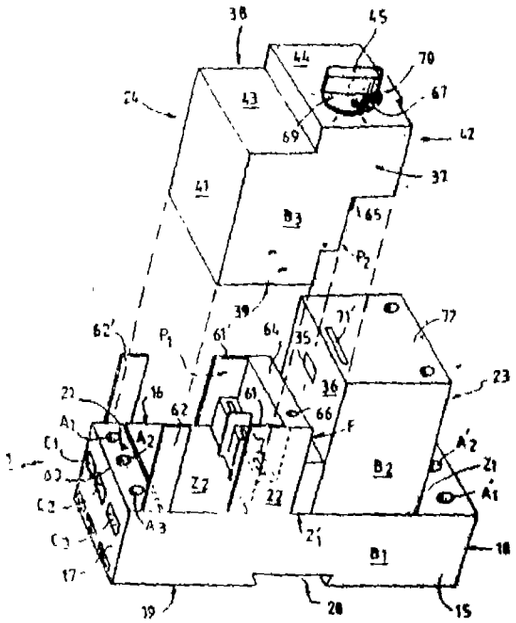
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 9

A safety device for switching appliances comprising a switching (1) module consisting of at least one power switch having at least one (3, 4) fixed contact element, at least one mobile (10, 11) contact element co-operating with said fixed contact (3, 4) element, said mobile contact (10, 11) element being mounted on a mobile (9) support means or assembly to move between an open position and a closed position, and resilient (13) means biassing against said mobile (9) support means for exerting on the mobile support (9) means a force to move said mobile (10, 11) contact element into one or said positions, an indirect switching (24) control module detachably mounted on said switching (1) module and operating within stable set and tripped conditions and transitory setting and tripping phases, said indirect switching (24) control module coraprising a housing (B3), a setting member (45) mounted on said housing (B3) and extending into said housing (B3) for setting the indirect switching (24) module in said setting phase, a tripping (46) device cooperating with said setting (45) member for accumulating an amount of potential energy transmitted by said setting (45) member during said setting phase, an actuating (48, 30) means located between said tripping (46) device and said mobile contact (10,

11) element for exerting on said mobile (10, 11) contact element a force opposite to the force exerted by said resilient (13) means and a protection (53) device connected to said tripping (46) device for applying said potential energy on said actuating (48) member to enable it to exert said force during said tripping phase, means (65) for fixing said control module (24) to said switching (1) module, said fixing (65) means comprising at least one screw (65) mounted for axial sliding in a through passage provided in said control (24) module, and for being screwed into a tipped (66) bore on said switching (1) module and preventing means (68, 69) connected to said fixing means (65) for preventing any access to said fixing (65) means when the control module (B2) is not in the set condition.

FIG. 1



(Compl. Specn. 17 pages; Drgns. 2 sheets)

Ind. Cl : 32F2b+55E4. 176004

Int. Cl.4 : A61K, 31/33.

A PROCESS FOR THE PREPARATION OF DERIVATIVES OF PYRIMIDINYL-PIPERAZINYL-ALKYL AZOLES.

Applicants : LABORATORIOS DEL DR. ESTEVE, S.A., A SPANISH BODY CORPORATED OF AV. MARE DE DAU DE MONTSERRAT 221, 08026 BARCELONA, SPAIN.

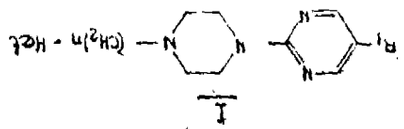
Inventors : AUGUSTO COLOMBO PINOL, JORDI FRIGOLA, JAUN PARES COROMINAS.

Application for Patent No. 106/DEL/90 filed on 6 February 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 2

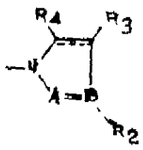
A process for the preparation of derivatives of pyrimidinyl-piperazinyl-alkyl azoles having the general formula I of the drawings.



I

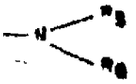
in which R_1 represents a hydrogen atom or a halogen, n can have the values 1 to 6 and Het represents an azole, or one of its derivatives selected from among imidazole, indazole, tetrahydroindazoles pyrazole and pyrazoline and which can be represented by the general formula II of the drawings

II



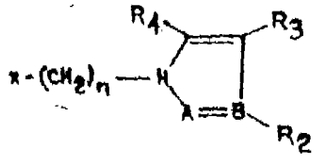
in which A and B always diffrent, represent a carbon atom or a nitrogen atom, the dashed line indicates the possible presence of a double bond between positions 4 and 5 and R_2, R_3 and R_4, identical of different, and which can also from a part of another ring, aromatic or not, represent, a hydrogen atom, a halogen, a lower alkyl radical, a nitro radical, a hydroxy radical, an oxo radical, an alkoxy radical a cyano radical, a carboxylic radical, a carboamido radical, an alkyl carboxylate radical, an aryl or substituted aryl radical, a sulfonic radical, a sulfon amido radical substituted or not on the amino group or an amino radical, of the general formula III of the drawings

III



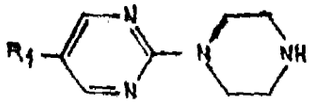
in which R_5 and R_6, identical or different, represent a hydrogen atom, an alkyl radical, an aryl radical, a heteroaryl radical, an alkenyl, radical, an alkylcarboxy radical, an arylcarboxy radical, an alkylsulfonyl radical or an arylsulfonyl radical characterised by the reaction of a compound of the general formula VI of the darwings

VI



in which A, B, R_2, R_3, R_4, x and n have previously mentioned meanings, with a compound of the general formula VII of the drawings

VII



in which R_1 has the previously mentioned meanings.

(Compl. Specn. 28 pages; Drgns. 4 sheets)

Ind Cl. : 32F2c, 170B+D 176005

Int. Cl.4 : C11D 3/386, 7/42.
C12N 9/38 9/40.

A METHOD FOR REMOVING OF IMPURITIES FROM A MATERIAL.

Applicant: THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, 45202 UNITED STATES OF AMERICA AND GENENCOR INTERNATIONAL, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 4 CAMBRIDGE PLACE, 1870 SOUTH WINTON ROAD, ROCHESTER, STATE OF NEW YORK 14618, UNITED STATES OF AMERICA.

Inventor: RICHARD SHEPARD CARPENTER, IRWIN JOSEPH GOLDSTEIN, ANN MARGARET WOLFF AND PUSHKARAJ JOGANNATH LAD.

Application for Patent No. 1048/DEL/90 filed on 22 October 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

A method for removing of impurities from a material such as fibrous materials contaminated with a glycoside-containing substance such as a glycoprotein-containing substance, more particularly a Type II endoglycosidase reactive substance, having a proximal protion bound by an immunological bound to said material, a distal portion extending outwardly from said proximal portion, and a linkage disposed at the juncture of said proximal and distal portions which is reactive with a Type II endoglycosidase, said method comprises reacting said material with a Type II endoglycosidase and optionally with conventional ingredients to remove from said material the distal portion of said impurities.

(Compl. Specn. 98 pages; 28 Drwg. sheet)

Ind. Cl: 170 B-J-D 176006

Int. Cl.4: C11D 3/386, 7/42.

A PROCESS FOR PREPARING A CLEANSING COMPOSITION.

Applicant: THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, 45202, UNITED STATES OF AMERICA AND GENENCOR INTERNATIONAL, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 4 CAMBRIDGE PLACE, 1870, SOUTH WINTON ROAD, ROCHESTER, STATE OF NEW YORK 14618, UNITED STATES OF AMERICA.

Inventor: RICHARD SHEPARD CARPENTER, ANN MARGARET WOLFF AND PUSHKARAJ JOGANNATH LAD.

Application for Patent No. 1050/DEL/90 filed on 22 October 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 11

A process for preparing a cleansing composition which comprises mixing at least two different components wherein said first component comprises from 1 ppm to 1200 ppm of a Type II endoglycosidase, preferably selected from the group consisting of Endo-D, Endo-H, Endo-F, and PNGaseF, more preferably Endo-H and said second component comprises from 2 ppm to 1200 ppm of an antimicrobial agent of the kind such as herin described, along with optional conventional ingredients.

(Compl. Specn. 97 pages; Drwg 28 sheets)

Ind. Cl.: 32F (1) 176007

Int. Cl.4: C07C, 17/24

PROCESS FOR THE PREPARATION OF FLUOROAROMATIC AND FLUOROHETEROAROMATIC COMPOUNDS.

Applicant: ZENECA LIMITED A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, 9 MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor: DAVID JOHN MILNER.

Application for Patent No. 1073/DEL/90 filed on 30 October 1990.

Convention date 22-11-89/8926430.3/GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

A process for the preparation of fluoroaromatic and fluoroheteroaromatic compounds which comprises reacting the corresponding aromatic or heteroaromatic amines in any conventional manner and under conventional conditions with a nitrosyl polyfluoro salt in an inert liquid and decomposing in situ at a temperature up to 250°C the derived aryl or heteroaryl diazonium polyfluoro salt.

(Compl. Specn. 14 pages; Drwg. Sheets nil)

Ind. Cl.: 55 (E4) 176008

Int. Cl.4: A 61 K, 31/12.

PROCESS FOR PREPARING A PHARMACEUTICAL COMPOSITIONS OF TEBUFELONL.

Applicant: THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, U.S.A., OF ONE PROCTER & GAMBLE PLAZA, CONNENATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors: GARY ROBERT KALM & ALAN EDWARD BRUNS.

Application for Patent No. 1157/Del/90 filed on 23 November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 8

A process for preparing a composition having 1-3, 5-bis (1, 1-dimethylethyl)-4-hydroxyphenyl-5-hexyn -1- one and a pharmaceutically acceptable vehicle, said process comprising mixing a drug 1-3, 5-bis (1, 1-dimethylethyl) -4-hydroxyphenyl-5-hexyn-1-one, and a pharmaceutically-acceptable vehicle comprising a surfactant of mixture of surfactants such as herein described and optionally a lipophilic solvent; the amount of 1-3, 5-bis (1, 1-dimethylethyl) -4-hydroxyphenyl-5-hexyn-1-one used being such as to result in a drug active at a concentration of at least 15%, to produce a composition having the following properties:

(1) being a homogeneous liquid at 37°C,

(2) providing solubilization of the drug active at a level of at least 1mg/mL in 0.1 N HCl at 20°C, and

(3) providing solubilization of 20ml of the drug active in 500 mL of simulated intestinal fluid in 5 minutes or less;

wherin the said vehicle having the following properties:

(a) being a homogeneous liquid at 37°C,

(b) having an HLB of from 9 to 13,

(c) forming a stable dispersion in water at 20°C at concentration of 10% or less.

the vehicle more preferably having the following properties :

(d) being soluble in isopropanol at 20°C at concentrations of 10% or less, and

(e) being soluble in cottonseed oil at 20°C at concentrations of 1% or less.

(Compl. Specn. 14 pages; Drwg. Sheet Nil)

Ind. Cl. : 32 F2b+55 E4. 176009

Int. Cl.4 : C 12 N, 9/84, 11/00, 11/16.

AN IMPROVED PROCESS FOR THE PRODUCTION OF IMMOBILIZED PENICILLIN G ACYLASE USEFUL FOR THE PREPARATION OF 6-AMINO PENICILLANIC ACID.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : RAMAN VAMAN BACHULEKAR, ASMITA ASHUTOSH PRABHUNE, ARCHANA VISHNU PUNDLE, JAYANT MOHANIRAJ GADGIL, CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN, SURENDRA PONRATHNAM, HEPHZIBAH SIVARAMAN.

Application for Patent No. 1207/Del/90 filed on 30 November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 3

An improved process for the production of immobilized penicillin G acylase, useful for the production of 6-APA, which comprises suspending crosslinked spherical macroporous hydroxyethyl methacrylate terpolymers beads as herein described in phosphate buffer having molarity between 0.1 to 0.5, at a pH in the range of 7.0-7.5, incubating the suspension with penicillin G acylase at 2°C for a period of 24—96 hours with agitation at a rate of 100 to 200 rpm, separating the adsorbed penicillin G acylase by filtration and crosslinking the adsorbed penicillin G acylase with difunctional reagents to immobilize penicillin G acylase.

(Compl. Specn. 12 pages, Drg Sheet Nil).

Ind. Cl. : 32 E 176010

Int. Cl.4 : C08F, 220/06.

A PROCESS FOR THE PREPARATION OF CROSSLINKED SPHERICAL HYDROXYETHYL METHACRYLATE TERPOLYMER BEADS OF CONTROLLED PORE SIZE DISTRIBUTION.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : RAMAN VAMN BACHULEKAR, JAYANT MOHANIRAJ GADGIL, CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN ASMITA ASHUTOSH PRABHUNE ARCHANA VISHNU PUNDLE HEPHZIBAH SIVA RAMAN, SURENDRA PONRATHNAM.

Application for Patent No. 1208/DEL/90 filed on 30 November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

A process for the preparation of crosslinked spherical macroporous hydroxy-ethyl methacrylate terpolymers beads useful as matrix in the preparation of immobilized penicillin G acylase and having adsorption capacity generally to the extent of 90-255 mg of P.G. acylase per gm of polymer matrix which comprises suspension polymerizing hydroxyethyl methacrylate, 4-ethyl styrene, divinyl benzene and a polymerization initiator, such as herein described in aqueous media at a temperature in the range of 60° to 80°C in the presence of a protective colloid such as herein described and a pore generating solvent, selected from aliphatic/cycloaliphatic alcohols or aliphatic/cycloaliphatic hydrocarbons, stirring the resultant mixture for 3 to 6 hours, to form beads filtering, washing the beads with distilled water followed by a protic solvent and drying the beads at 40°C.

(Compl. Specn. 13 pages; Drwg. sheets nil)

Ind. Cl. : 77 D + E 176011

Ind. Cl[4] : C 11 B 3/12.

A PROCESS FOR REFINING OF CRUDE SUGARCANE WAX.

Applicant: DIRECTOR NATIONAL SUGAR INSTITUTE, GOVERNMENT OF INDIA, MINISTRY OF FOOD & CIVIL SUPPLIES (DEPARTMENT OF FOOD) KALYANPUR, KANPUR 208017, UTTAR PRADESH, INDIA.

Inventor: RAMKUMAR, SRIVASTAVA SUSHIL KUMAR AND SHUKLA RAJENDRA PRASAD.

Application No. 696/DEL/88 filed on 17-08-1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 10

A process for refining of crude sugarcane wax comprising in the step of introducing said crude cane wax into a reaction vessel so as to form a bed, allowing a solvent mixture comprising polar hydroxylic solvent and non polar chlorohydrocarbon solvents in the ratio of 1 : 3 respectively in said reaction vessel in a continuous flow to provide fractions of soft and hard wax, said reaction mixture being heated at a temperature of 16 to 25 C so as to provide fractions of soft wax, separating soft wax by vaporization of solvent passing the valuent vapours through a condenses to condence said vapours and a recycling the same into said reaction vessel.

(Compl. Specn. 15 pages; Drg. 1 sheets)

Ind. Cl. : 37 B 176012

Int. Cl. : B 01 D. 43/00.

AN IMPROVED PARTICULATE SEPARATION DEVICE.

Applicant : PRABHAT KUMAR, AN INDIAN CITIZEN OF 64, NAVJEEVAN VIHAR, NEW DELHI-110 017, INDIA.

Inventor : PRABHAT KUMAR.

Application No 734/Del/88 filed on 29 August 1988.

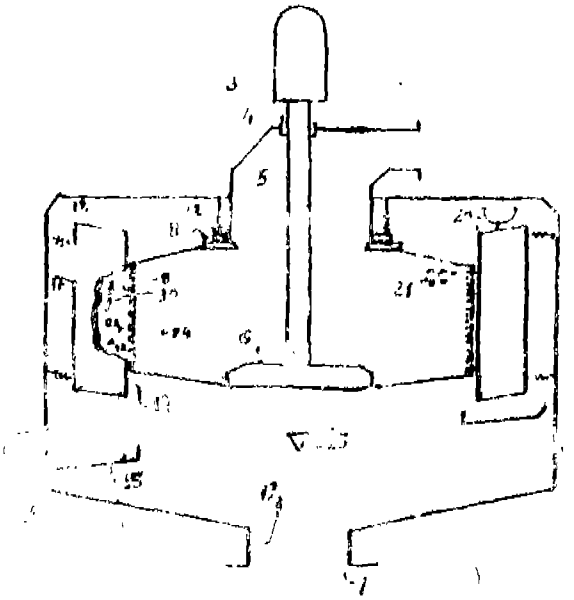
Complete Specification left on 29-11-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 5

An improved particulate separation device for separation of particle and stream from carrier medium comprising a first housing and atleast a hollow spinning body said housing having an exterior portion and interior portion; said hollow

spinning body being positioned in the interior portion; said interior portion with atleast one inlet port; said exterior portion being upstream of said interior portion having atleast one exit port; said exterior portion being influid communication with innerside of said hollow spinning body, said spinning body with multiple layer thin wall having stratified apertures; said innerside of hollow spinning body in communication through said apertures with said interior portion of said housing; carrier medium being under a pressure gradient such as herein described to cause flow from said interior portion to said exterior portion.



(Provisional Specification 2 pages, Drawing sheet nil)
(Compl. Specn. 9 pages Drwg sheet 1)

Ind. Cl. : 5 C 176013

Int. Cl.[5] : A 01 D, 41/00.

A HARVESTER FOR HARVESTING CROPS SUCH AS SUNFLOWERS.

Applicant : PUNJAB TRACTORS LIMITED, AN INDIAN COMPANY, OF SAHIBZADA AJIT SINGH NAGAR, PHASE-IV, DIST. ROPAR (NEAR CHANDIGARH) PUNJAB-160 055.

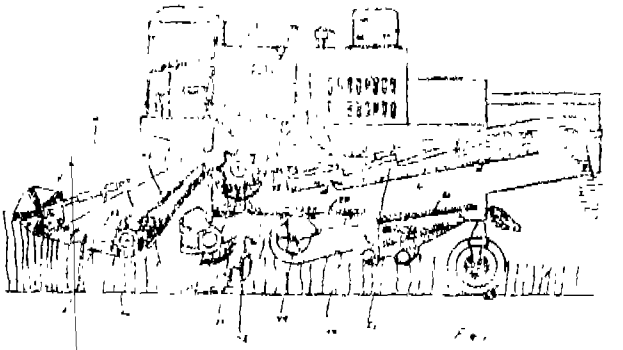
Inventors : CHANDER KANT MAHAJAN, BALVINDER SINGH & RAM KUMAR MANRAO.

Applicant for Patent No. 866/Del/88 filed on 11 October 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

A harvester for harvesting crops such as sunflower comprising a harvesting unit, threshing unit and a winnowing unit, said harvesting unit has a reel assembly secured to the frame of said harvester, a cutter bar assembly for cutting the standing crop provided with said frame below said reel assembly a worm conveyor provided for guiding the cut crop to a conveyor for conveying the crop to the threshing unit, said threshing unit having a thresher drum and concave seave provided below said drum for causing a separation of the grain or seed from the straw and then conveying to the winnowing unit, motive means provided for providing power to each of said units, characterised in that said real assembly comprises radial paddles being supported on a rotatable shaft by means of flanges secured to said rotatable shaft in a spaced relationship, for pushing the flowers towards the cutting mechanism a plurality of removable hoopes being provided in space relationship with said worm conveyor and he gap between the concave seave and threshing drum of the threshing unit being kept more than that for other crops such as paddy and wheat.



(Provisional Specification 9 pages).
(Compl. Specn. 15 pages Drwg. 3 sheet)

Ind. Cl. : 128 G 176014

Int. Cl.[5] : A 61 B, 5/00.

A PRESSURE ALGOMETER FOR MEASURING THE PAIN THRESHOLD OF A PERSON.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : RAMANATHAN VISWANATHAN.

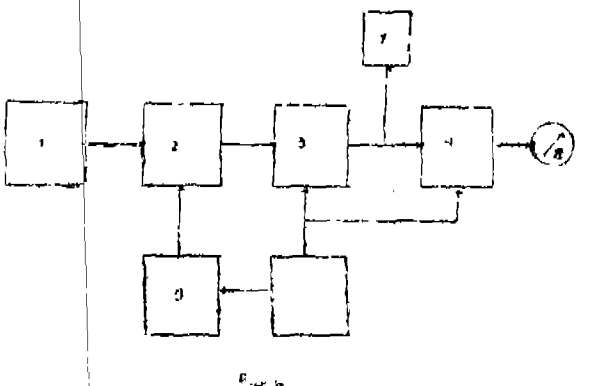
Application for Patent No. 965/Del/88 filed on 7 November 1988.

Complete Specification left on 12-5-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 2

A pressure algometer for measuring the pain threshold of a person, which comprises a pair of forceps, having special studs (1A) at the middle of the each blades (1) of the forceps for applying pressure to fold of skin of the person, one of the said blades of the forceps being provided with a pair of strain gauges (1B) one on either side of the blade for measuring the pressure applied, a wheatstone bridge (2) connected to the said strain guages, an a plifier (3) being connected to the said bridge circuit, a holding circuit (4) being connected to the output of the said amplifier, the said holding circuit consisting of voltage follower integrated circuit and a storage condensor through a switch (7), the voltage developed across the said condensor is measured by a galvanometer (B), a stabilised power supply (5) energises the said bridge circuit and battery (6) energises to the said amplifier and holding circuit.



(Provisional Specification 15 pages, Drawing sheets three)
(Compl. Specn. 14 pages, Drwg. sheets 4)

Ind. Cl. : 32 B 176015

Int. Cl.4 : C 07 C, 9/06, 11/04.

A PROCESS FOR OXIDATIVE CONVERSION OF METHANE TO HYDROCARBONS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY, SOPAN TUKARAM CHAUDHARY, AMARJEET MUNSHIRAM RAJPUT & VILAS HARI RANE.

Application No. 1051/Del/88 filed on 1st December 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 15

A process for the oxidative conversion of mathane to C_2 hydrocarbons which comprises passing continuously a gaseous reactant mixture comprising methane or natural gas containing mainly methane and oxygen wherein methane is in the range of 1-90% mol and oxygen is in the range of 1-40% mol over a catalyst represented by the formula :

RxMOy, wherein R is selected from the rare earth metals (i.e. lanthanide series elements)-La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu or a mixture of two or more thereof x is from about 0.0001 to about 10 (preferably from 0.01 to 0.2) M is selected from the alkaline earth elements—Mg, Ca, Ba, Sr or a mixture of two or more therefor, Y is the number of oxygen atoms needed to fulfill the valance resuirements of the rare earth and alkaline earth elements in the catalysts at a temperature in the range of 400—1200 C at pressure in the range of 1—50 atm for a period of .001 to 0.5 sec.

(Compl. Specn. 31 pages Drwg. sheet Nil)

Ind. Cl. : 48 A3 176016

Int. Cl.4 : H 01 B, 1/22.

AN IMPROVED PROCESS FOR THE PREPARATION OF HIGH TC CRITICAL TEMPERATURE SUPERCONDUCTOR WIRES SHEETS AND STRIPS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1960).

Inventors : HIMADRI SEKHAR MAITI, SOMESWAR DATTA & RAJENDRA NATH BASU.

Application No. 1103/Del/88 filed on 15-12-88.

Complete Specification left on 8-3-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 5

An improved process for the preparation of high TC superconductor wires, sheets and strips which comprises synthesising superconducting ceramic compounds of the kind as herein described by conventional methods, making fine grain of the said super conducting ceramic compounds upto a particle size of 10 um, dispersing those fines in an organic medium capable of developing electric charge on the surface of those fines, the medium also capable of completely dispersing the finaes, subjecting the resultant dispersion to electrophoresis wherein silver wire, sheet or strips is used as cathode and another metal such as brass as anode, passing current through the electrodes in the voltage range of 25-1000V for 5—300 secs, taking out the wire, sheet or strip containing the superconductor deposited on it and air drying it, sintering the resultant dried silver metal containing the material at a temperature in the range of of 850—950°C and slow cooling to room temperature.

(Provisional Specification 9 pages, Drawing Sheets Four)

(Compl. Specn. 12 pages, Drwg 2 sheets)

Ind. Cl. : 84 C 176017

Int. Cl.4 : C 09 C, 1/58.

A PROCESS FOR PRODUCTION OF SMOKELESS EASILY IGNITABLE PELLETS FROM CARBON DUST OR LUMPS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIAN, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SWAPAN KUMAR GHOSH, SUBIR KUMAR MUKHOPADHYAY, SAMIRENDU GUPTA, SUKURU RAMAKRISHNA RAO, MURARI CHAKRABORTY AND REZAUL HAQUE.

Application for Patent No. 1109/Del/88 filed on 15-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 6

A process for the production of smokeless easily ignitable pellets from carbon dust or lumps which comprises pulverising the carbon dust or lumps to uniform distribution of particle size, adding a composite binder prepared by heating a mixture of starch 5—10% by wt. of carbon dust, sodium nitrates, 2-4% by wt. carbon dust, caustic soda 5—10% by wt. of carbon dust and water 50—100% by wt. to the said pulverised carbon particles with or without jute fibres, agglomerating, the resulting thick mass by applying pressure of 400—450 kg/cm sq. into sized pellets and then drying the sized pellets in a known manner.

(Compl. Specn. 12 pages Drwg sheet Nil)

Ind. Cl. : 35 E. 176018

Int. Cl.4 : C04B 35/10.

A LOW-CEMENT REFRACTORY COMPOSITION CONTAINING 51—75% ALUMINA FOR PREPARING REFRACTORY CASTABLES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXX OF 1860).

Inventor(s) : GOUTAM BANERJEE, ANUKUL CHANDRA DAS, AMITABHA KUMAR AND SOMENATH MUKHERJEE.

Application for Patent No. 1133/DEL/88 filed on 21 December 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 9

A low-cement refractory composition having specific properties as herein described, containing 51—75 percent alumina for preparing refractory castables which comprises :

(a) 25—44 percent by weight of graded aluminous aggregate,

(b) 46—65 percent by weight of sillimanite sand,

(c) 3.5—6 percent by weight of calcium aluminate cement,

(d) 4—6.5 percent by weight of microfine crystalline silica waste and

(e) 0.05—0.25 percent by weight of dispersing agent.

(Compl. Specn. 17 pages; Drwg. sheet Nil)

Ind. Cl.: 98 E 176019

Int. Cl.[4]: F 26 B, 21/00.

AN IMPROVED ROTATING REGENERATOR FOR HEATING A COLD GAS/AIR WITH HOT GAS/AIR.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1960).

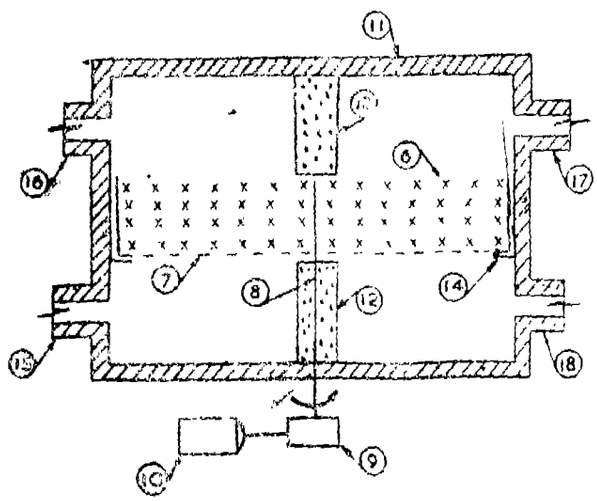
Inventors: MITHILES CHAKRAVARTY, TARUN KUMAR KAYAL.

Application No. 1158/Del/88 filed on 27-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 2

An improved rotating regenerator for heating cold gas/air with hot gas/air which comprises a heat insulated chamber enclosed in a casing (11) having on one side cold air/gas inlet (15) at it bottom half and an outlet in the top half for the heated air/gas on the other side an inlet (17) for the hot gas/air at the top half and an outlet (18) for cooled gas/air in the bottom half the chamber being divided vertically into two parts by seals (12, 13) the upper part of the seal being made of ceramic material and the lower part being made of a metal, the seals (12, 13) being placed in such a way that a space is formed in between the two parts for incorporating a horizontal metallic basket (7) provided with perforation at the bottom and filled with ceramic packing elements (6), the horizontal metallic basket (7) being extended to the chamber walls provided with seals (14) to prevent leakage of the gas or air, the horizontal metallic basket being connected through a shaft (8) to a gear box (9) and a motor (10) for rotating the said basket.



(Compl. Specn. 10 pages, Drwg. sheets 3)

Ind. Cl.: 36 B 176020

Int. Cl.[4]: F04D 29/00.

GEROTOR PUMP.

Applicant: CONCENTRIC PUMPS LIMITED, OF UNIT 10, GRAVELLY INDUSTRIAL PARK, ERDINGTON, BIRMINGHAM B24 8HW, ENGLAND.

Inventor: ROBIN EDWARD CHILD.

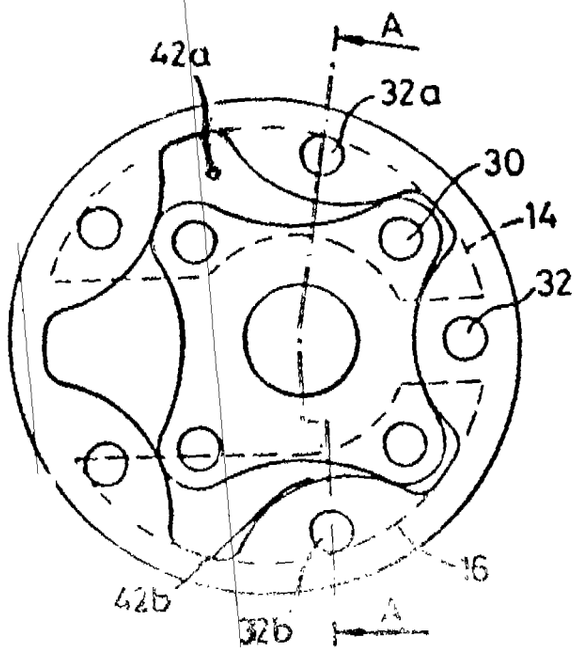
Application for Patent No. 471/DEL/89 filed on 30 May 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 5

A gerotor pump comprising a male lobed rotor with n lobes which is located in and meshed with an internally female lobed annulus having $n+1$ lobes, and both annulus and rotor being rotatable about parallel axis in a cylindrical body cavity, said lobes forming chambers between the rotor and annulus, said cylindrical body cavity having an inlet and an outlet port opening at one axial end of the chambers, wherein the fluid is drawn into said chambers as they increase in size and move over the inlet port, and wherein the fluid is expelled from the outlet port as the said chambers decrease in size and move over that outlet port.

characterised in that either the rotor or the annulus or both have transfer passages located within and extending through each lobe from end to end and the body has a transfer cavity located in substantial alignment with the inlet port but at the opposite end of the annulus and rotor, said transfer passages opening at one end to the inlet port and at the other end to the said transfer cavtiy wherein the fluid also flows via the inlet port passages and the cavity to enter the chambers at the opposite end to the inlet port, for better chamber filling.



(Compl. Specn. 6 pages, Drwg. 2 sheets)

Ind. Cl.: 126 D. 176021

Int. Cl.[4]: GOIL 1/16,
GOIP 3/22.

SPEED AND TORQUE SENSORS DEVICE.

Applicant: SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, A BRITISH COMPANY, OF 765 FINCHLEY ROAD, LONDON NW11 8DS, ENGLAND.

Inventors: RONALD ALFRED MASOM.

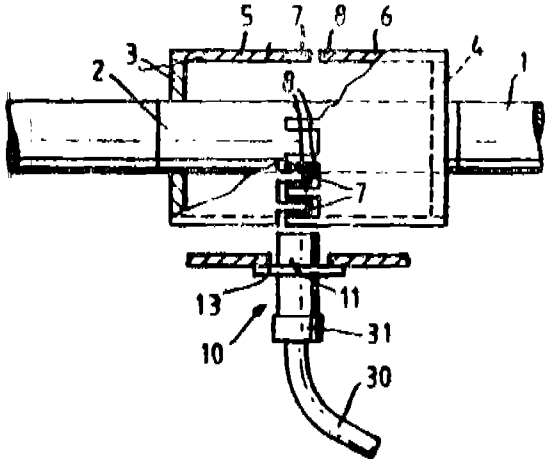
Application for Patent No. 622/Del/88 filed on 20th July 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A speed and torque sensor device comprising a mermanent magnet assembly, (14) atleast one speed coil (22, 23) located adjacent the magnet assembly, (14) at least one torque coil (24) located adjacent the magnet assembly, (14) the coils (22, 23, 24) generating electrical output signals in response to movement of a rotating magnetic number (5, 6), in front of the magnet assembly, (14) a resistor (26, 27) and conductors (25, 28) connecting the resistor (26, 27) in series with the or each respective speed coil, (22, 23) and wherein the resistors (26, 27) have a resistance at least several times the resistance of the respective speed coil (22, 23) such that shorting of the output of the speed coil (22, 23) beyond the resistors (26, 27) does not substantially increase current drawn by said coil (22, 23).

Fig. 1.



(Compl. Specn. 12 pages; Drwg. 2 sheets)

Ind. Cl.: 12D XXXIII(2) 176022

Int. Cl.[4]: F 27 B, 11/00, C21 D 9/663.

BELL FURNACE FOR ANNEALING OF REELS OF METAL SHEETS UNDER CONTROLLED ATMOSPHERE.

Applicant: STEIN HEURTEY OF Z.A.I. DU BOIS DE L'EPINE 91130 RIS ORANGIS, FRANCE.

Inventors: PHILLIPPE BUCHET, YVES RIOLLET.

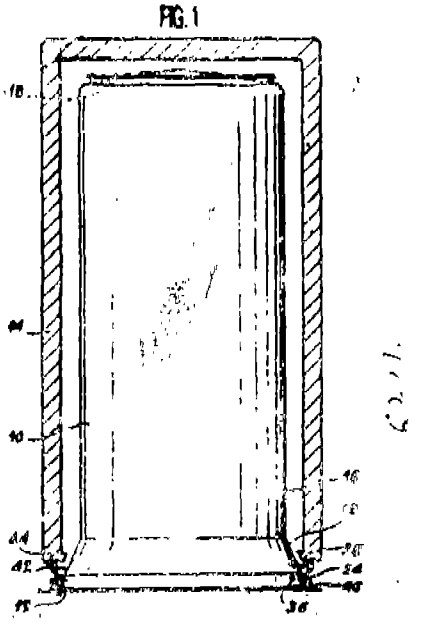
Application for Patent No. 664/DEL/89 filed on 24-7-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 7

A bell furnace for annealing of reels of metal sheets under a controlled atmosphere, comprising a fixed base provided with a support plate for supporting reels to be treated, an interior cover insualting the reels to be treated from the ambient atmosphere resting on said base with interposition of an annular joint, said furnace provided with heating means and covering said interior cover, a semi-sealed barrier is formed between the internal area of said interior cover and the annular space separating a lateral circular wall from the periphery of the base and said interior cover, said semi-sealed barrier being comprised of a ring member attached to a sleeve welded to a lower conical collar of said interior cover and resting on a cushion of fibrous material positioned in a peripheral groove provided on said lateral circular wall of the base; and wherein the lower portion of said interior cover is provided with cooling means, said cooling means being comprised of a flange attached on a lower end portion of said interior cover and supported on a joint positioned in a groove carrier cooled by a water casing mounted on the periphery of the base to reduce thermal energy or flux conducted to the lower portion of said interior cover and to disperse this thermal flow into the ambient atmosphere.

FIG. 1



(Compl. Specn. 13 pages; Drwg. 2 sheets)

Ind. Cl.: 19 E LXIV (1) 176023

Int. Cl.[4]: F 16 B 13/00.

SCREW FIXING DEVICE FOR A CONCRETE CONSTRUCTION ELEMENT.

Applicant: ETABLISSEMENTS VAPE OF R.N. 84 F-01430 ST-MART IN-DU-FRESNE/FRANCE.

Inventor: GERARD VANOTTI.

Application for Patent No. 661/DEL/89 filed on 26 July 1989.

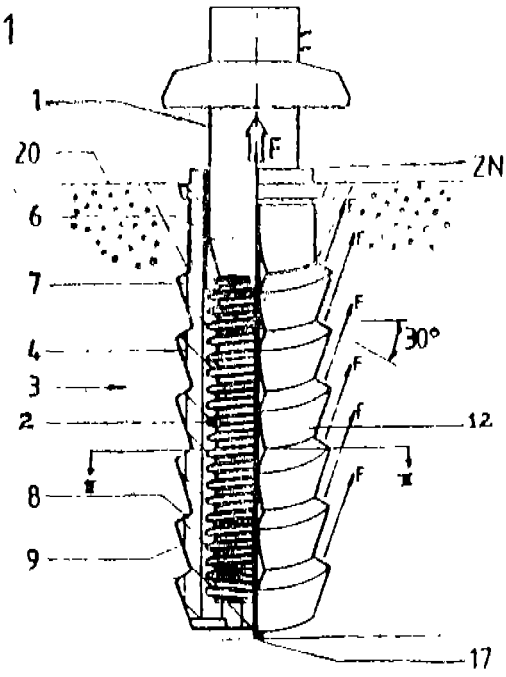
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 2

A screw fixing device for a concrete construction element, comprising a screw (1) having a cylindrical core and a sheath (4) of synthetic material intended to be fixed into the concrete element, said sheath possessing internally a thread (5) corresponding to the thread of the screw and, externally,

peripheral anchoring ribs (7) of triangular cross-section and two longitudinal ribs (10, 11), the sheath of synthetic material further being surrounded by a metal sheath (12) comprising two shells which are mutually assembled by crimping along the longitudinal ribs of the sheath of synthetic material, wherein the threads (5) of the Screw and of the sheath are trapezoidal, wherein the upper part (6) of the sheath possesses no peripheral ribs, wherein the inclination of the flanks (8) of the peripheral ribs facing the entry to the sheath is 30, and wherein the metal sheath (12) bears on these flanks (8) but has a play (Jd) relative to the other flanks (9) of the peripheral ribs.

FIG. 1



(Compl. Specn. 8 pages; Drwg. 2 sheet(s))

Ind. Cl.: 40 F IV (1) 176024

Int. Cl.[4]: B01 1 8/00 16/00.

APPARATUS FOR PERFORMING BIOLOGICAL ANALYSES BY IMMUNOENZYMATIC DETECTION OF ANTIBODIES OR ANTIGENS IN A SERUM.

Applicant & Inventor: JEAN GUIGAN OF 5, RUE DES URSULINES, 75005 PARIS, FRANCE.

Application for Patent No. 662/DEL/89 filed on 26-7-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 10

Apparatus for performing biological analyses, by immunoenzymatic detection of antibodies or antigens in a serum and comprising a processing device (40) for simultaneously holding and processing a plurality of cartridges (1), said cartridges (1) being assembled to said processing device (40) and said cartridges (1) being disposed in a thermostatically controlled enclosure, (50) said apparatus comprising:

a hub (41) coupled to a motor, (43) said motor (43) having an angle encoder (45) for controlling rotation cycles of the hub (41) and capable both of imparting rapid motion thereto for centrifuging, and of imparting a slow step-by-step motion thereto;

a plurality of cartridge-carrying lifts (51) disposed radially on the hub, (41) means (53) for passing each of said lifts (51) from a high, 'cartridge-loading' position (51) to a low, 'working' position, each of said lifts (51) having an open peripheral face a top face and a bottom face which are largely open, and each said lift (51) having declutchable means (70, 74) for radially locking the corresponding cartridge (1) for centrifuging:

a plurality of optical reading gauges (65) fixedly attached to said hub (41) and level with respective peripheral faces of said lifts (51) for optically viewing the contents of said cartridges; (1)

each of said cartridges (1) being generally rectangular in shape comprising a bottom (2) of thermoformed plastic material covered with a thin transparent sheet (31) of plastic material and each said cartridges (1) being provided with;

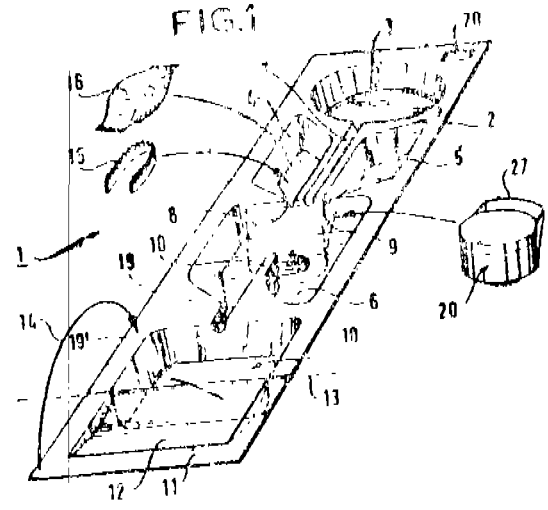
a collecting cuvette (6) disposed in a central position and connected by a duct (7) to a serum storage cuvette (3) situated at the end of the cartridge (1) located adjacent to said hub; (41)

at least two cuvettes (4, 5) between the collecting cuvette (6) and said serum storage cuvette (3) said at least two cuvettes (4, 5) being connected by respective ducts (8, 9) to said collecting cuvette, (6) for containing respectively, a sachet (16) of conjugate liquid and a sachet (17) of substrate liquid; said collecting cuvette (6) having a small liquid-evacuation hole (30) in a bottom (22) and containing a substantially cylindrical well (20) closed by a lid, (24) said well (20) being rotatable about a vertical axis, and having a portion of a side wall of the well (20) forming a spout (27) for all of the liquids flowing in the said ducts, (7, 8, 9) and containing a brush (25) having a large surface area per unit volume, said brush (25) being rotatable about a vertical axis (28) independently of said well, (20) with the bristles of said brush (25) carrying antigens; and

a flexible pocket (10) for containing a diluting or blocking liquid connected by a duct (19) to said collecting cuvette (6) and situated close to an open peripheral face of the corresponding lift; (51) said duct (19) being closed by a breakable capsule; (19) and

the processing device (40) further comprising at least one peripheral read moudle (80) situated on the path of said gauges (65) and a module (32) situated above the path of said cartridges (1) provided with means (95, 96) for rupturing said sachets (16, 17) respectively containing the conjugate and the substrate, and also means (97) for bearking said breakable capsule. (19).

FIG. 1



(Compl. Specn. 17 pages; Drwg. 10 sheets)

Ind. Cl. : 206 E LXII 176025

Int. Cl.[5] : H05 K 1/00.

SCREENED MASK FOR ELECTRONIC CIRCUIT BOARDS.

Applicant : TELEFONICA DE ESPANA OF GRAN VIA, 28-28013 MADRID, SPAIN.

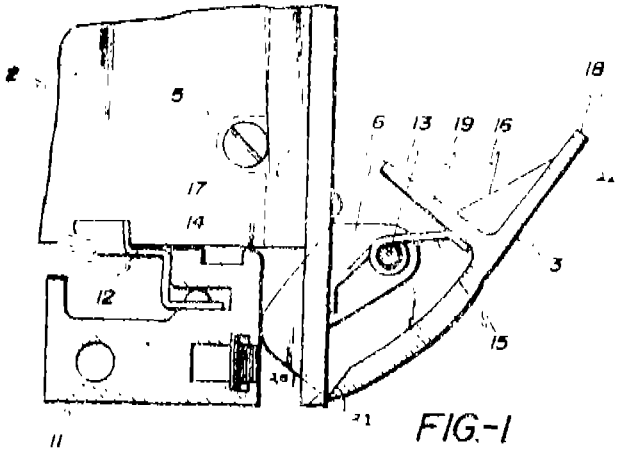
Inventors : RAFAEL RODRIGUEZ PRADOS.

Application for Patent No. 670/DEL/89 filed on 28-7-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 9

Screened mask for electronic circuit boards, said mask comprising, a strip having a T-shaped section with unequal flanges to which is connectable on one side an electronic circuit board, characterized by one or more withdrawing-retaining mechanisms connected to the other side of the said strip, for installing and/or withdrawing electronic circuit board into or from electronic equipments such as herein described, the said withdrawing-retaining mechanism having means for retaining the circuit board into the said equipment in its installation position, and means for withdrawing said circuit board from its installation position, said means for withdrawing being connected to or integral with said means, and one or more grounding means connected to the said T-shaped section for electrically earthing the said screen mask.



(Compl. Specn. 7 pages; Drwg. 3 sheets)

Ind. Cl. : 9D 176026

Int. Cl.[5] : C22 C 38/22, 38/44.

PROCESS FOR THE MANUFACTURE OF AN INSERT FOR THE CONNECTION OF A PART MADE OF STEEL CONTAINING FROM 12% TO 14% BY WEIGHT OF MANGANESE TO AT LEAST ANOTHER PART MADE FROM CARBON STEEL.

Applicant : MANOIR INDUSTRIES, OF 207 RUE DE BERCY, 75587 PARIS CEDEX 12, FRANCE.

Inventors : FERNAND PONS, YVON DELAYEN.

Application for Patent No. 694/DEL/89 filed on 4-8-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 3

A process for the manufacture of an insert for the connection of a part made of steel containing from 12% to 14% by weight of manganese to at least another part made from carbon steel, the process comprising the steps of fusing or melting alloy elements of the following composition in a percentage by weight :

Carbon.....0.025—0.35%.

Manganese .....6—11%.

Silicon .....0.5—1.5%.

Nickel .....5—8%.

Chromium ..... 17.5—20%.

Molydenum ..... <0.5%.

Molybdenum..... <0.5%.

Phosphorus and sulfur .....0.030%.

in an arc furnace in successive steps for the preparation of a metal liquid which is transferred to an Argon—Oxygen—Decarburization converter into which is blown Argon and Oxygen to refine the melt alloy especially by reducing carbon content so as to provide the alloy with a delta ferrite content (in percent by volume) as measured by micro-graphic counting between 5% and 15% with the balance being austenite, said alloy is then molded and said molded alloy forming the insert undergoes a hyperquenching treatment which consists in maintaining the insert at a temperature ranging between 1.030°C and 1.100°C for about two hours, which is followed by a stop or discontinuance by water.

(Compl. Specn. 8 pages; Drwg. Sheets 1)

Ind. Cl : 144 B 176027

Int. Cl.[5] : C 23 C 22 66.

METHOD OF FORMING A PROTECTIVE COATING ON A SOLID SURFACE.

Applicant : ALCAN INTERNATIONAL LIMITED, OF 1188 SHERBROOKE STREET, WEST, MONTREAL, QUEBEC, H3A 3G2, CANADA.

Inventors : OHN ALFRED TREVERTON ROWENA ROSHANTHI LANDHAM.

Application for Patent No. 700/DEL/89 filed on 7-8-89.

Convention date 12-8-88, 31-5-89/8819259.6, 8912424.2/GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 10

A method of forming a protective coating on a solid surface such as herein described which comprises applying an aqueous composition to a solid surface and curing said composition to form a protective coating on said surface; characterised in that said aqueous composition comprises an inorganic sol such as herein described containing an adhesion promoter such as herein described but not containing added hexavalent chromium.

(Compl. Specn. 34 pages; Drwg. Sheets nil)

Ind. Cl. : 40 A1 176028

Int. Cl. : B01 J 19/00.

PROCESS FOR ENDOTHEMICALLY PREPARING THERMOCHEMICAL REACTION PRODUCTS AND AN APPARATUS FOR CARRYING OUT THE SAME.

Applicant & Inventors : MOMTAZ NOSSHI MANSOUR, OF 5442 MARSH HAWK WAY, COLUMBIA, MARYLAND 21045, U.S.A., KANDA-SWAMY DURAI-SWAMY, OF 4812 KONYA DRIVE, TORRENCE, CALIFORNIA 90503, U.S.A., DAVID WALTER WAREEN, OF 4224 MATILIJA AVENUE, SHERMAN DAKS, CALIFORNIA 91423, U.S.A.

Application for Patent No. 702/DEL/89 filed on 7-8-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 10

A process for endothermically producing thermochemical reaction products such as [illegible] from steam-reformed heavy [illegible] materials, thermochemically processing recovered fuels, detoxified wastes from reactant materials such as carbonaceous materials, thermally crackable chemicals, basic oxygen spent liquor, biomass heavy [illegible] tar sands, oil energy-bearing waste streams, oil shale, oil [illegible] wood, black liquor and [illegible] comprising :

(a) introducing [illegible] and steam as hereinbefore described and [illegible] into a pulse combustion zone;

(b) combusting a [illegible] fuel introduced into said pulse combustion zone under pulse combustion effecting conditions thereby producing hot gaseous stream comprising the remainder [illegible] and an acoustic pressure wave;

(c) discharging said hot [illegible] stream from said pulse combustion zone into [illegible] resonance zone bounded by a conduit wall, [illegible] zone being surrounded by a bed of solid particles, [illegible] a size operable for introducing [illegible] said bed;

(d) combusting [illegible] and remaining part of said fuel in said [illegible] zone in said resonance zone, thereby producing [illegible] product stream;

(e) confining said bed of solid particles in a reaction zone surrounding said resonance zone and maintaining said solid particles therein an agitated state;

(f) allowing said acoustic wave to propagate into said reaction zone containing said bed of solid particles;

(g) heating said bed of [illegible] in said reaction zone by heat transfer from [illegible] product stream in said resonance zone [illegible] thereof to said bed of solid particles; and

(h) introducing [illegible] reactant materials into said reaction zone with said solid particles of said bed, thereby producing the desired thermochemical reaction product.

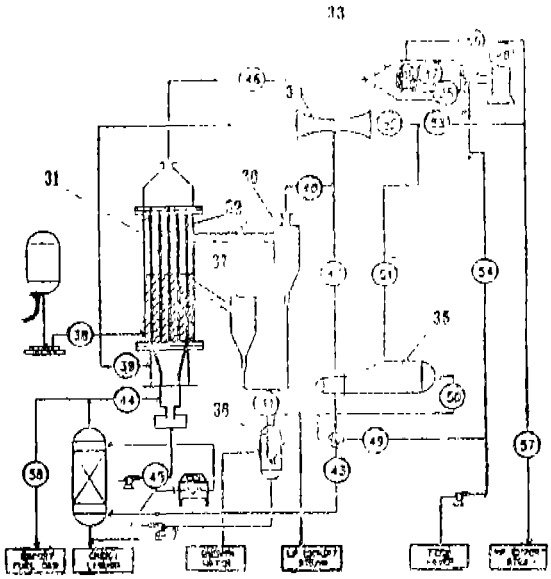


FIG. 6

(Compl. Specn. 75 pages; Drwg. sheets 6)

Ind. Cl. : 199 176029

Int. Cl.[5] : G01F, 23/22.

AN ELECTRONIC WATER LEVEL INDICATING SYSTEM FOR A BOILER DRUM.

Applicant & Inventor : BHARAT HEAVY ELECTRICALS LIMITED, BHEL HOUSE, SIRI FORT, NEW DELHI-110049, AN INDIAN COMPANY. GANAPATHY MATHIYALAGAN, SUNDARAMOORTHY VIJAYARANGAM, ARUMUGAMANGALAM VENKATACHALAM NARAYANAN, RAGHAVAN SOUNDARARAJAN GOBICHETIPALAYAM SRINIVASAN RAGUNATHAN.

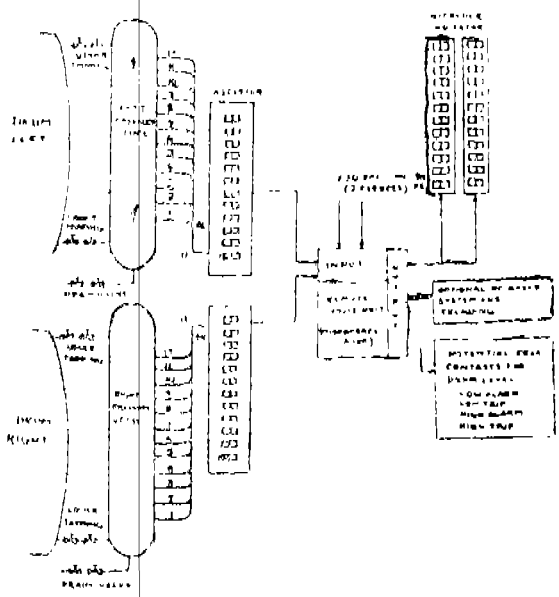
Application for Patent No. 813/DEL/89 filed on 12-9-89.

Complete Specification left on 30-11-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 8

An Electronic Water Level Indicating System for a boiler drum comprising at least two pressure vessel provided perpendicularly near the dish ends of said boiler drum, probe means located at predetermined spacing along the height of said pressure vessel constituting resistivity cells, each said probe means connected to respective resistance based ascertor means which generate the status signal indicative of water or steam in respect of each said probe, the out put of said ascertor means being connected to a microprocessor Monitor Unit having means for processing the status signals, through an optocoupler display means for display of processed signals at local and remote locations.



(Compl. Specn. 15 pages; Drwg. sheets 10)

Ind. Cl. : 40B 176030

Int. Cl.[5] : B01J 23/38, 23/64.

THE PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITE MATERIALS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) :
KATIKANENI SAI PRASAD RAO.
SUBRAMANIAN SIVASANKER.
PAUL RATNASAMY.
KONDAM MADHUSUDAN REDDY.

Application for Patent No. 957/DEL/89 filed on 19-10-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

A process for the preparation of a catalyst composite material useful for hydrocarbon reactions which comprises mixing alumina with 0.1-10 wt. % of a crystalline maetallosilicate of general composition in terms of mole ratio of formula :

0-below 0.4 x : $M_2 O_3$: 30-300 Sio_2 : 0-10H_2O.

wherein M can be iron, lanthanum or mixtures thereof and x is selected from the oxides of sodium, hydrogen, platinum, rhenium or mixtures thereof, adding chlorine to the resultant mixture in the form of HCl or $AlCl_3$ and adding a salt of platinum and desired, salt of rhenium or iridium or their mixture thereof to get the catalyst composite material.

(Compl. Specn 24 pages; Drwg. Nil)

Ind. Cl. : 80 H 176031

Int. Cl.[4] : B01D 37/00.

A FILTERING APPARATUS COMPRISING AT LEAST ONE FILTER FOR FILTERING LIQUIDS LADEN WITH SOLID PARTICLES.

Applicant & Inventor : GUY GAUDFRIN, A FRENCH CITIZEN, OF ALLEE DU BEC CANARD GOLF, 78860 SAINT-NOM-LA-BRETECHE, FRANCE.

Application for Patent No. 1058/DEL/88 filed on 01 December 1988.

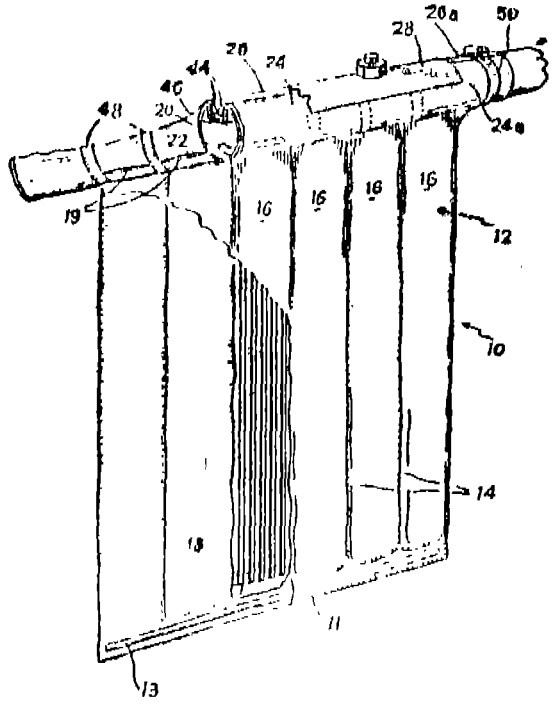
Divisional to Patent Appln. No. 891/DEL/86 filed on 07 October 1986.

Ante-dated to 07 October 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 13

A filtering apparatus comprising at least one filter (10, 51) for filtering liquids laden with solid particles, said filter comprising a filter (52) vat provided with an inlet orifice (60) for the liquid to be filtered, an outlet orifice for the filtered liquid or filtrate, and an evacuation orifice for solid particle sludge, a plurality of filter (10) elements in the form of filter medium cloths (12) disposed around filter leaves (18) and located substantially vertically in said filter vat between said inlet and outlet orifices characterised in that said filter medium cloths (12) are in the form of elongate pockets (16) which are fitted substantially freely over said leaves, said leaves being provided with longitudinally-extending drainage channels, said pockets having openings (19) directed downwardly and in communication with a manifold tube and said leaves being suspended beneath support members fixed in said vat and being free to move sideways, said apparatus comprising a feed tank (104) for holding liquid to be filtered, said tank being located at a lower level than the filter, a feed (102) pump having its suction side connected to said feed tank and having its exhaust side connected to the inlet orifice (60) of the filter, a buffer (106) tank for the filtrate connected to said outlet orific (58) and located at a higher level than the filter elements, a sludge-receiving (110) tank fitted to said evacuation orifice via an evacuat on valve, and a decompression (114) pipe connecting the feed tank (104) with a filter decompression (62) orifice having its inlet located above the filter elements, with a decompression (116) valve being mounted in said decompression pipe.



(Compl. Specn. 27 pages; Drwg sheets 8)

Ind. Cl. : 54 176032

Int. Cl.[4] : A 23 L, 1/226.

A PROCESS FOR PREPARATION OF FLOWER ABSOLUTES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATION UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ALATHUR DAMODARAN DAMODARAN CADAVALLORE SUBRAMANIAN NARAYANAN & NARAYANAN GOPALAKRISHNAN.

Application for Patent No. 1108/Del/88 filed on 15th December 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 3

A process for the preparation of flower absolutes which comprises dispersing the flower concretes obtained by direct extraction of flower using hexane or petroleum other and removing the solvent, on clear dry sand and extracting the absolute from concretes using liquid CO_2 at a temperature between 20-25°C and pressure 100-150 bars and releasing the excess CO_2.

(Compl. Specn. 16 pages, Drwg. sheet Nil)

Ind. Cl. : 206 E and 206 H 176033

Int. Cl.[4] : H 01 J, 27/00.

UMA SHANKAR CHAURASIA & BHANU SHANKAR CHAURASIA BOTH PARTNERS OF : MODERN BALANCE WORKS.

Applicant : A REGD. PARTNERSHIP FIRM OF D-54/19, AURANGABAD, VARANASI-221 001, U.P. INDIA, AN INDIAN NATIONAL.

Inventor : BHANU SHANKAR CHAURASIA.

A NEGATIVE ION GENERATOR.

Application No. 1055/Del/88 filed on 1-12-88.

Post-dated to 01-02-89.

Complete Specification left on 02-05-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims 5

A negative ion generator comprising a primary housing (P) having a voltage booster disposed therein, said primary housing (P) connected to a power source(s) through the means (F) for controlling or frequency supplied to the said primary housing characterised in that a plurality of secondary housing (H) having emitter plate (N) disposed therein being connected to the said primary housing (P) through a coupling (c) means (Q_1 & Q_2) being provided with the said coupling (C) for providing high frequency carrier waves and low frequency waves for super imposing said waves on the needless (N) of emitter plate provided in the secondary housing (H) for uniform distribution of negative ions of high frequency and low frequency.

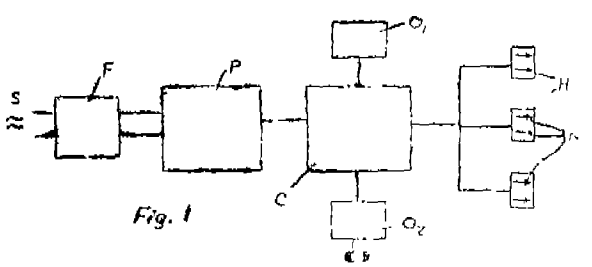


Fig. 1

(Provisional Specification 5 pages, Drwg. sheet Nil)

(Compl. Specn. 10 pages, Drwg. sheet 1)

Ind. Cl. : 117 B 176034

Int. Cl.[4] : E 05 B, 63/00.

IMPROVEMENT IN OR RELATING TO A LATCH.

Applicant : MANMOHAN CHOPRA OF A-103, KAVERI APARTMENT, ALAKNANDA, NEW DELHI-110 019, INDIAN NATIONAL.

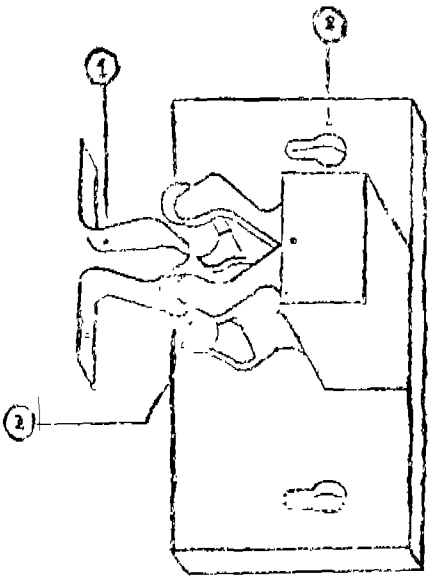
Inventor : MANMOHAN CHOPRA.

Application No. 1154/Del/88 filed on 27-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 4

A latch comprising of the main assembly (2) and a knowb (1), said main assembly (2) is provided within its housing (5) with a window (10), two arms (4) having rollers (3) at its front and to latch up with said knob (1) with the help of a rivet (4a) and a spring (9) controlling the movement of the arms (4) to latch and de-latch with the said knob (1).



(Compl. Specn. 7 pages, Drwg. sheet 5)

Ind. Cl. : 32 B 176035

Int. Cl.[4] : C 07 C, 15/085.

AN IMPROVED PROCESS FOR THE PRODUCTION OF CUMENE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BOLLAPRAGADA SESHAGIRI RAO, IKKANDATH BALAKRISHNAN, VILAS RAMDAS CHUMBHALE & PAUL RATNASAMY.

Application No. 1169/Del/88 filed on 29-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 6

An improved process for the production of cumene by reaction of benzene with propylene at a temperature in the range of 150—230 C & pressure in the range of 10—15 bars in the presence of a catalyst comprising a high silica, large port mordenite, having the composition in terms of molar oxides R2O : M2O : A12O3 : (15—60) Sio2 : ZH2O, where M is an alkali metal ion and R tetraethyl ammonium and Z is 7 to 10, the said mordenite being characterised by a silica to alumina molar ration between 20 and 40, x-ray diffraction pattern and infrared spectra as herein described, the said mordenite being further characterised by an adsorption capacity of at least 9% by weight of benzene at 25°C and at a relative partial pressure of benzene of 0.5.

(Compl. Specn. 15 pages, Drwg. sheet Nil)

Int. Cl.[4] : B 01 J, 29/28. 176036

Ind. Cl. : 40 F.

A PROCESS FOR PREPARATION OF CRYSTALLINE MICROPOROUS ALUMINO SILICATES USEFUL AS CATALYST AND ABSORBENT.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110 001,

INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: VASANT RAMACHANDRA CHOUDHARY, DEEPAK BANSILAL AKOLEKAR.

Application No. 1170/Del/88 filed on 29-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 11

A process for preparation of crystalline microporous alumino silicates useful as catalysts and adsorbent which comprises admixing a source of $A1O_2$, ammonium hydroxide, a source of SiO_2, a source alkali metal and water so as to form a reaction mixture having the composition as expressed in terms of molar ratios of a M_2O : bR_2O : $A1O_2$: C SO_2 : dH_2O wherein M_2O is an alkali metal oxide, the value of a ranging from 0.1 to 40, R is ammonium hydroxide & used as inorganic templating agent, the value of b is within the range of 0.1 to 150, ç has a value of 5 to 3000 and d has a value of 10 to 10000 and having pH in the range of 9—13, and heating the said reaction mixture under autogenous pressure at a temperature in the range of 50 to 400°C for 2 hrs to 4 weeks, separating washing drying and calcining the microporus aluminosilicate formed by known methods.

(Compl. Specn. 19 pages, Drwg. sheet Nil)

Ind. Cl.: 84 C_1 176037

Int. Cl.: C 10 L, 9/04,
B 03 D, 1/00.

AN IMPROVED FLOTATION PROCESS FOR BENEFICATION OF COAL ALIKE MINERALS.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: SUBODH KUMAR RAY, KALYAN SEN, DILIP KUMAR CHAKRABORTY, SUBRATA GHOSE AND REZAUL HAQUE.

Application No. 1171/Del/88 filed on 29-12-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 6

An improved flotation process for beneficiation of coal and alike minerals such as shale & graphite which comprises preparing coal/mineral slurry by mixing with water, conditioning the slurry with or without conventional collector by known methods, mixing said conditioned slurry with an aqueous solution of reagent/frother selected from lakali metal salts of xylene sulphonic acide, diluting the mixture to bring down the solid concentration so as to allow the solids to float & filtering the mixture.

(Compl. Specn. 10 pages, Drwg. sheet Nil)

Ind. Cl.: 69 A 176038

Int. Cl.[4] H 01 H 73/00.

A CIRCUIT BREAKER.

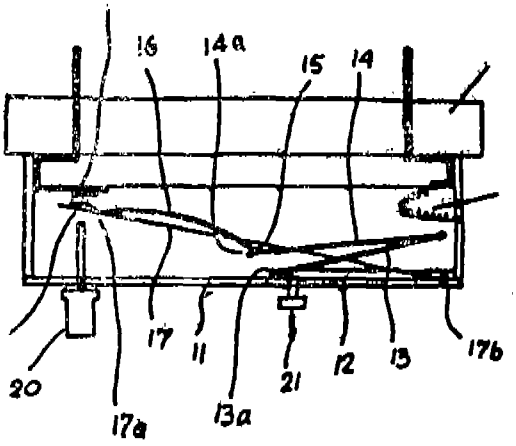
Applicant & Inventor: LOCHAN MOHAN AN INDIAN NATIONAL OF 181/22; INDUSTRIAL AREA, CHANDIGARH-160 002, INDIA.

Application for Patent No. 325/DEL/89 filed on 10th April 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 6

A circuit breaker comprising switching means and a heating element disposed within a housing, said switching means comprises at least one bimetallic strip bent in the form of a hair pin and having an upper and lower arm, free end of said upper arm supports one end of a resilient member and the opposite end of said resilient member connected to or integrally formed with a movable strip to provide movement to said movable strip having a movable contact at its other end, a fixed contact being provided with the insulated roof to be connected with said movable contact, a heating element being provided for causing an actuation of said upper arm of said bimetallic strip for displacing said movable contact away from said fixed contact, adjusting means being provided with base plate for adjusting fixed end of said lower arm, restoring means provided with said base plate for restoring the contacts into close mode.



(Provisional Specification 6 pages).
(Compl. Specn. 11 pages Drwg. sheet 1)

Ind. Cl.: 179 E 176039

Int. Cl.[4]: F 16 J, 15/00, 15/08.

A PILFER-PROOF SEAL.

Applicant: ADITYA GUPTA, & BAL KRISHAN GUPTA, AN INDIAN NATIONAL, L-3, HAUZ KHAS ENCLAVE, NEW DELHI-110 016.

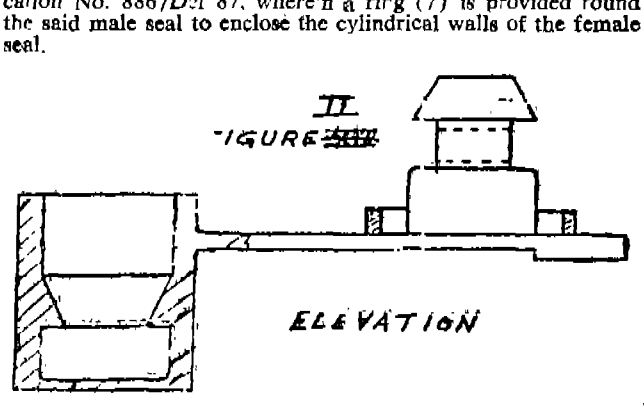
Inventors: ADITYA GUPTA AND BAL KRISHAN GUPTA.

Application No. 823/Del/89 filed on 15-09-1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 3

A pilfer-proof seal as claimed in claim 1 of Patent Application No. 886/Del 87, wherein a ring (7) is provided round the said male seal to enclose the cylindrical walls of the female seal.



(Compl. Specn. 6 pages; Drwg. sheet 1)

Ind. Cl.: 55 E4 176040

Int. Cl.[4]: A61K 37/26.

ISOLATION OF A HYPOGLYCAEMIC SUBLINGUALLY EFFECTIVE POLYPEPTIDE-P FROM A PLANT SOURCE.

Applicant & Inventor: PROF. PUSHPA KHANNA (RETD.) E-14/7 VASANT VIHAR, NEW DELHI-110057.

Application for Patent No. 1258/DEL/92, filed on 28-12-92.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 3

A process for preparation of a sublingually highly effective polypeptide p from seeds of Momordica charantia. L, (bitter gourd) which comprises of treating the said seeds of Momordica charantia. L, (bitter gourd) with solvent such as hexane—ether, extracting the extract from the said treated seeds by hydrolosis with sulfuric acid, adjusting the pH of the said extract upto 3 by adding ammonia, precipitating the polypeptide-p by adding acetone and crystallizing the said polypeptide-p with zinc acetate.

(Compl. Specn. 9 pages; Drwg. sheets 1)

OPPOSITION PROCEEDING

An opposition have been entered by M/s Joy Frozen Foods Pvt. Ltd., Bombay, to grant of a Patent Application No. 175248 (114/BOM/1993) made by M/s Kwality Frozen Foods Ltd., Bombay-400020.

An opposition has been entered by Bajaj Auto Ltd. to grant of a patent on application No. 174821 (1174/Del/88) dated 30-12-88 made by Piaggio Veicoli Europe S.P.A.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170279 granted to Howorth Limited for an invention relating to "carbonation apparatus with a gas connector for connecting apparatus for a carbondioxide supply vessel."

The patent ceased on the 22nd September 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th December 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road Calcutta 700 020 on or before the 23rd February 1996 under Rule 69 of the Patents Rules 1972. A Written Statement in triplicate setting out the nature of the opponents interest the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 171675 dated the 5th August 1988 made by Kabushiki Kaisha Toyota Chuo Kenkyusho on the 20th September 1994 and notified in the Gazette of India Part III Section 2 dated the 3-12-1994 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172234 granted to T.R. Unni for an invention relating to "an improved metal door."

The patent ceased on the 21st October 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th December 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 23rd February 1996, under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 173746 granted to George Sidaway for an invention relating to "a heat engine."

The patent ceased on the 29th August 1995 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th December 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 2nd February 1996, under Rule 69 of the Patents Rules 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

RENEWAL FEES PAID

154810 158794 159152 160593 160628 160710 160789 160790 160897 160914 163795 164194 164500 164712 164716 164718 164799 165138 165180 165194 165551 165667 165871 166196 167172 167178 167192 167253 167282 167384 167386 167403 167406 167445 167451 167715 168032 168214 168669 169089 169090 169228 169229 169349 169357 169607 169670 169791 169837 169905 170000 170023 170026 170028 170029 170423 170541 170690 170697 171028 171170 171173 171383 171387 171389 171431 171432 171452 171464 171713 171847 171956 171957 172111 172124 172128 172167 172240 172249 172260 172295 172376 172378 172433 172480 172505 172516 172576 172998 173099 173531 173616 173619 173651 173656 173762 173919 173920 174058.

PATENT SEALED ON 24-11-95

174930 175137 175140* 175142 175143 175144* 175145* 175146 175149* 175150 175153 175155 175159*D 175171* 175175* 175176 175177 175178 175179 175181* 175183 175192 175199*D.

CAL-02, DEL-21, BOM-NIL, MAS-NIL.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 168714, Oakley Inc., a corporation organised and existing under the laws of the state of California, U.S.A., of 10 Holland, Irvine, CA 92718, U.S.A., "EYEGLASS COMPONENT", 31st January 1995.

Class 1. No. 168589, United Auto Tractors Limited, 30 Rani Jhansi Road, New Delhi 110055, India, Indian, "RICE TRANSPLANTER", 2nd January 1995.

Class 1. No. 168623, Kiwi TTK Limited, an Indian company having its registered office at No. 6, Cathedral Road. Madras 600086, Tami'nadu, India, "WING OPEN DEVICE", 12th January 1995.

Class 1. No. 167893, Dr. Jose Thaika'til Physician, University Health Centre, Calicut University, P.O. Kerala State, India, an Indian national, "WICK LAMP", 16th August 1994.

Class 5. No. 167228, Elizabeth Adrena, a Regd. Indian partnership firm, whose regd. office at 24D, Ekbalpur Lane, Calcutta 23, W. Bengal, India, "CARTON", 25th April 1994.

Class 12. No. 168701, MGRM Engineers Private Limited, Sandhya Deep, 1st floor, 15, Community Centre, East of Kailash, New Delhi 110065, "SARCO-SUPPORT MADE OF FABRIC", 31st January 1995.

Class 12. No. 168699, MGRM Engineers Private Limited, Sandhya Deep, 1st floor, 15, Community Centre, East of Kailash, New Delhi 110065, "INDUSTRIAL BELT MADE OF FABRIC", 31st January 1995.

Class 12. No. 168698, MGRM Engineers Private Limited, Sandhya Deep, 1st floor, 15, Community Centre, East of Kailash New Delhi 110065, "PROVIDENCE COLLAR MADE OF FABRIC", 31st January 1995.

Class 13. No. 167668, Ravissant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place, New Delhi 110019, India, "PRINTED CLOTH", 20th June 1994.

Class 13. No. 168146, Ravissant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place, New Delhi 110019, India, "PRINTED CLOTH", 26th September 1994.

Class 14. No. 167705, The Khatau Makanji Spinning & Weaving Co. Ltd., Laxmi Building, 6, Shoorji Vallabhdas Marg, Bombay 38, Maharashtra, India, "PRINTED CLOTH", 27th June 1994.

R. A. ACHARYA
Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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